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PULPWOOD PRODUCTION
IN SOUTHERN FOREST SURVEY TERRITORY, 1947

By
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A PROGRESS REPORT OF THE SOUTHERN FOREST SURVEY
William A. Duerr, In Charge

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THE SOUTHERN FOREST SURVEY

The Southern Forest Survey, an activity of the Southern Forest Experiment Station, covers the seven States of the Station's territory--Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas. This Survey is a part of the nation-wide Forest Survey authorized by the McSweeney-McNary Forest Research Act of 1928. Its five-fold purpose is (1) to take inventory of the supply of standing timber and other forest products; (2) to ascertain the rate at which this supply is being increased through growth; (3) to determine the rate at which this supply is being diminished through industrial and local use, and by fire, insects, disease, and other agencies; (4) to estimate the present requirements and the probable future trend in the requirements for timber and other forest products; and (5) to correlate these findings with existing and anticipated economic conditions, in order that policies may be formulated for the effective use of lands suitable for forest production.

CONTENTS

Page

Text 1

Figures:

1. Pulp mills drawing wood from Southern Forest Survey territory, 1947 ii
2. Pulpwood production by county in Southern Forest Survey territory, 1947 3

Tables:

1. Pulpwood production in Southern Forest Survey territory, 1946 and 1947 2
2. Pulpwood production in Alabama, 1947 5
3. Pulpwood production in Arkansas, 1947 7
4. Pulpwood production in Louisiana, 1947 9
5. Pulpwood production in Mississippi, 1947 11
6. Pulpwood production in Oklahoma, 1947 13
7. Pulpwood production in Tennessee, 1947 13
8. Pulpwood production in Texas, 1947 16

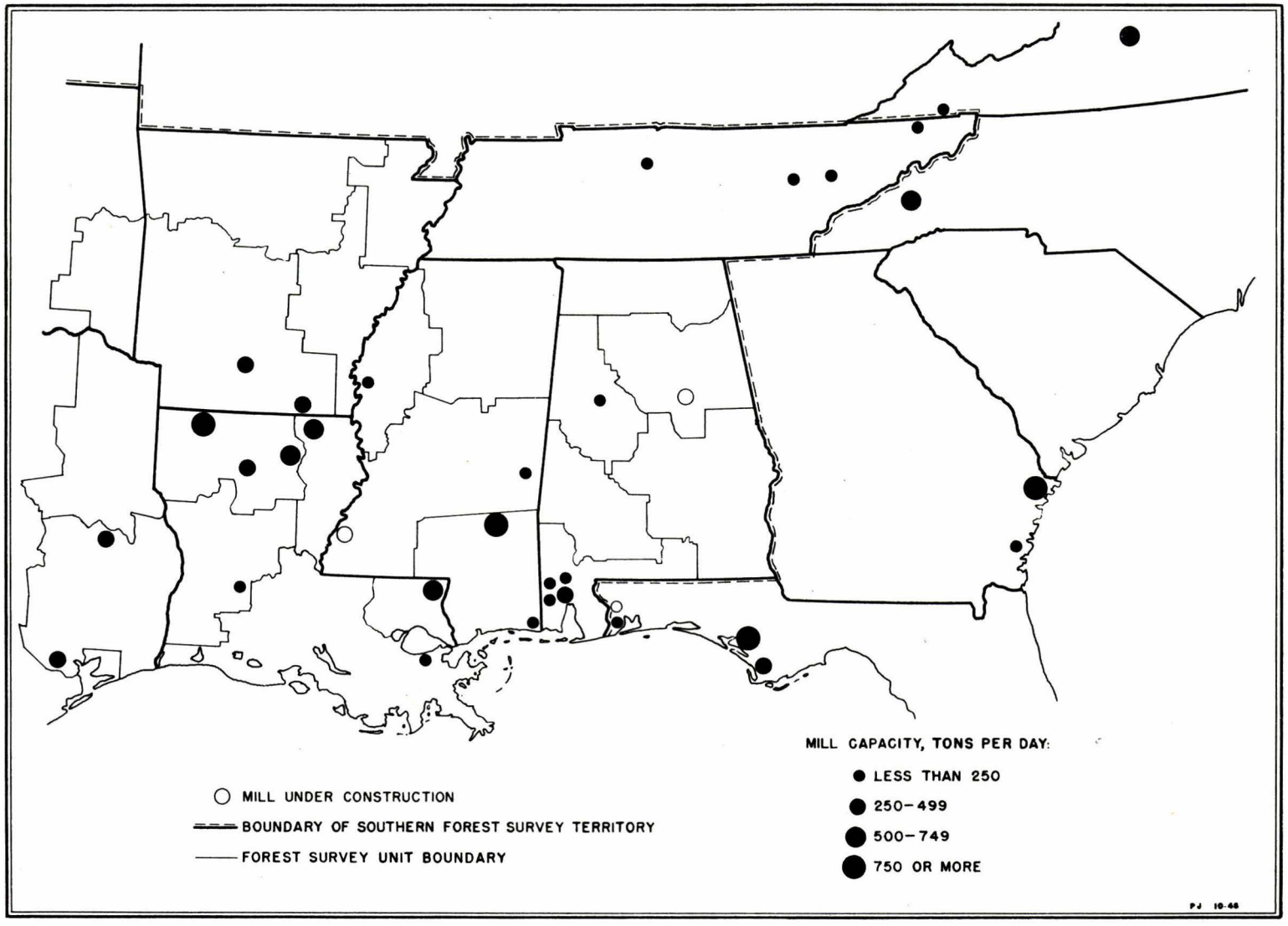

Figure 1.--Pulp mills drawing wood from Southern Forest Survey territory, 1947.

PULPWOOD PRODUCTION IN SOUTHERN FOREST SURVEY TERRITORY, 1947

By William S. Stover and A. L. Tofte
Southern Forest Experiment Station

1947 pulpwood production in the seven States of Southern Forest Survey territory was 4,406,000 cords, an increase of 6.9 percent over 1946. The year 1947 saw a continuation of the rise in pulpwood production that began more than a decade ago. Pine accounted for 3,914,100 cords, or 89 percent of production; hardwood for 491,900 cords, or 11 percent (table 1). Largest output among the seven States was in Mississippi, where 1,279,100 cords were produced. Louisiana, Alabama, Texas, Arkansas, Tennessee, and Oklahoma followed in the order named1/.

In addition to pulpwood produced from standing timber, 5,320 cords of slabwood and 13,070 cords of veneer cores were used by pulp mills.

The pine pulpwood included all species of southern pines. Among the hardwoods, sweetgum and blackgum accounted for a major part of production, with lesser amounts of cottonwood, willow, and other species. In Tennessee, 50,787 cords were produced from dead chestnut.

The pulpwood produced in Southern Forest Survey territory in 1947 went to 32 different pulp mills. Of these, 24 mills were located within the territory and 8 outside--in Florida, Georgia, North Carolina, and Virginia (figure 1).

During 1948 four new pulp mills have gone into operation--one at Natchez, Mississippi, in Southern Forest Survey territory; and one at Pensacola, Florida, and two at Macon, Georgia, outside the territory. An additional mill is under construction at Childersburg, Alabama, and plans for two more mills have been announced.

1/ For a discussion of pulpwood production and mill capacity trends over earlier years, see: "Pulpwood Production and Use in Southern Forest Survey Territory, 1946," by William S. Stover. Southern Forest Experiment Station Forest Survey Release 56.

Table 1.--Pulpwood production in Southern Forest Survey territory, 1946 and 1947

State	1946			1947			Change		
	Pine	Hard-wood	Total	Pine	Hard-wood	Total	Pine	Hard-wood	Total
	- - - -		Thousand cords		- - -		-	Percent	-
Ala.	731.2	25.2	756.4	749.4	28.3	777.7	(1/)	(1/)	+2.8
Ark.	511.5	65.6	577.1	541.7	54.9	596.6	(1/)	(1/)	+3.4
La.	766.1	20.9	787.0	842.5	27.8	870.3	(1/)	(1/)	+10.6
Miss.	983.9	254.3	1,238.2	1,041.0	238.1	1,279.1	(1/)	(1/)	+3.3
Okla.	13.3	...	13.3	29.9	...	29.9	(1/)	(1/)	+124.8
Tenn.	30.7	104.8	135.5	42.4	98.9	141.3	(1/)	(1/)	+4.3
Texas	594.3	21.7	616.0	667.2	43.9	711.1	(1/)	(1/)	+15.4
All States	3,631.0	492.5	4,123.5	3,914.1	491.9	4,406.0	+7.7	-0.1	+6.9

1/ Species percentage changes for individual States are in the main of small importance.

Approximately one-third of the pulpwood produced in the territory moved in interstate commerce. Mississippi, Arkansas, and Texas were the principal pulpwood exporting States; Louisiana and Tennessee, the principal importing States. Production by county is shown in figure 2 and in tables 2 to 8.

A greater part of the pulpwood from the territory was produced within an airline radius of 150 miles from the mills to which it was delivered. Individual mill-drawing territories varied considerably, however, according to the timber supply and its ownership, transportation facilities, competition with other timber users, and wood procurement policies. The bulk of the wood moved by common-carrier railroad and truck; but there was some barge movement along the Gulf Coast and on the Mississippi, Tombigbee, and Black Warrior Rivers.

Data on 1947 pulpwood production in this release are based on reports from the 32 pulp mills drawing wood from Southern Forest Survey territory and on Louisiana and Mississippi severance-tax data. County data are based on county or shipping-point information furnished by 30 mills and on severance-tax data. The county data are only approximate, but totals for groups of counties should have little error.

All volumes are in standard cords (128 cubic feet) of rough wood, bark included.

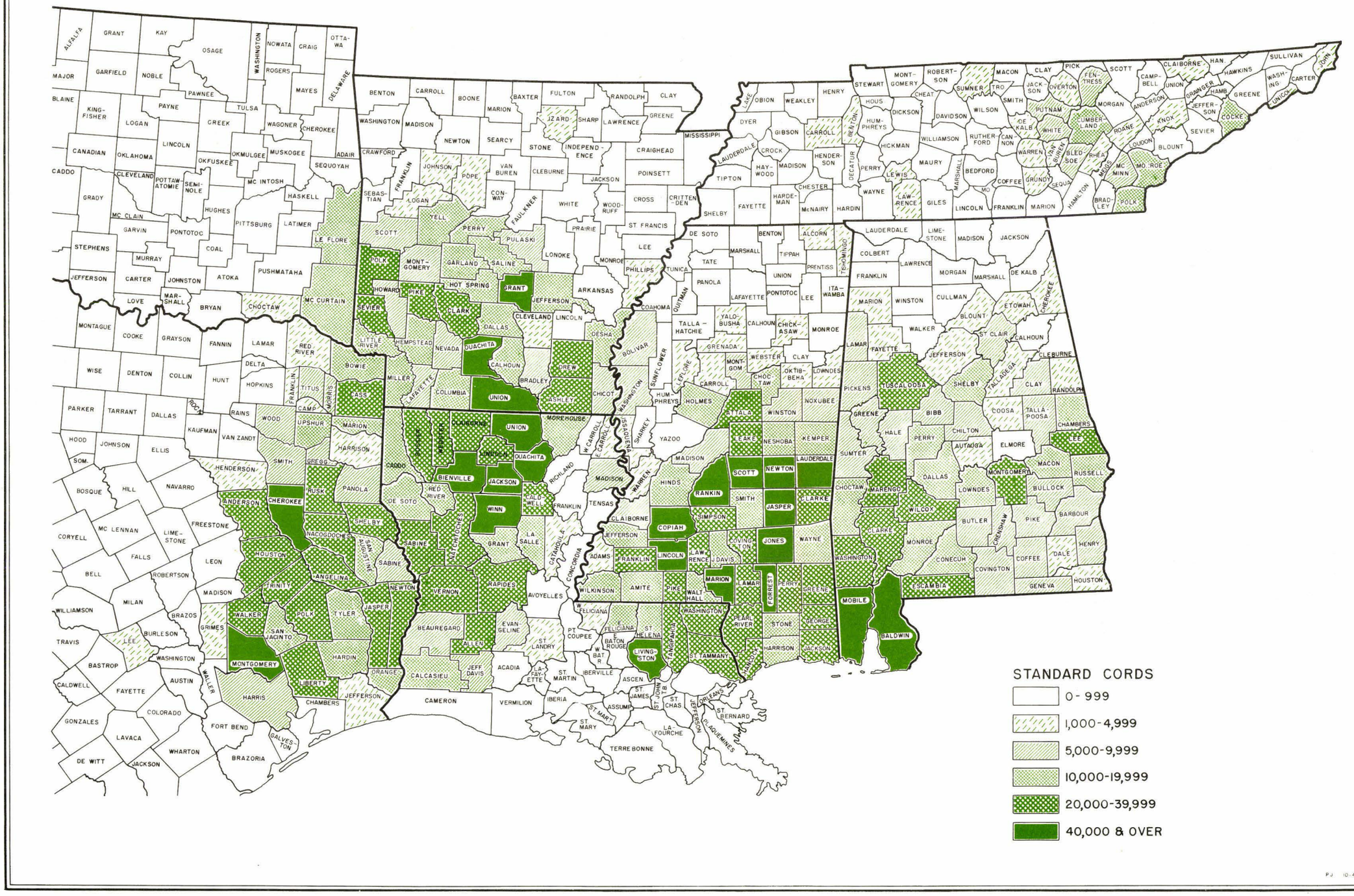

Figure 2.--Pulpwood production by county in Southern Forest Survey territory, 1947.

Table 2.--Pulpwood production in Alabama, 1947

County	Pine	Hardwood	Total
	- - - -	Standard cords	- - - -
Autauga	2,992	...	2,992
Baldwin	139,943	...	139,943
Barbour	5,045	...	5,045
Bibb	8,146	560	8,706
Blount	4,572	...	4,572
Bullock	6,929	...	6,929
Butler	9,048	...	9,048
Calhoun	550	...	550
Chambers	12,125	...	12,125
Cherokee	1,332	56	1,388
Chilton	7,548	1,120	8,668
Choctaw	11,803	...	11,803
Clarke	20,264	1,120	21,384
Clay	9,243	...	9,243
Cleburne	...	...	...
Coffee	8,613	...	8,613
Colbert	168	...	168
Conecuh	10,873	...	10,873
Coosa	3,506	...	3,506
Covington	9,741	...	9,741
Crenshaw	5,576	...	5,576
Cullman	...	...	...
Dale	1,887	...	1,887
Dallas	12,978	...	12,978
De Kalb	198	...	198
Elmore	134	...	134
Escambia	20,406	...	20,406
Etowah	2,103	...	2,103
Fayette	2,031	2,520	4,551
Franklin	512	...	512
Geneva	9,834	...	9,834
Greene	6,215	1,120	7,335
Hale	7,553	980	8,533
Henry	6,804	65	6,869
Houston	4,682	...	4,682
Jackson	10	...	10
Jefferson	1,524	...	1,524
Lamar	7,383	1,680	9,063
Lauderdale	...	...	...
Lawrence	...	...	...

Table 2.--Pulpwood production in Alabama, 1947 (Continued)

County	Pine	Hardwood	Total
		Standard cords	
Lee	23,211	...	23,211
Limestone	...	...	...
Lowndes	18,929	...	18,929
Macon	11,716	588	12,304
Madison	...	210	210
Marengo	27,728	...	27,728
Marion	1,203	...	1,203
Marshall	69	...	69
Mobile	100,372	5,460	105,832
Monroe	16,639	...	16,639
Montgomery	31,882	...	31,882
Morgan	...	210	210
Perry	9,338	1,400	10,738
Pickens	9,369	...	9,369
Pike	8,697	...	8,697
Randolph	3,447	...	3,447
Russell	13,002	1,588	14,590
Saint Clair	5,070	...	5,070
Shelby	12,428	...	12,428
Sumter	6,912	700	7,612
Talladega	2,479	...	2,479
Tallapoosa	5,081	...	5,081
Tuscaloosa	27,470	560	28,030
Walker	267	...	267
Washington	27,159	8,400	35,559
Wilcox	24,448	...	24,448
Winston	206	...	206
Total	749,393	28,337	777,730

Table 3.--Pulpwood production in Arkansas, 1947

County	Pine	Hardwood	Total
		Standard cords	
Arkansas	...	...	...
Ashley	31,800	3,270	35,070
Baxter	797	...	797
Benton	...	...	...
Boone	35	...	35
Bradley	6,526	...	6,526
Calhoun	13,425	193	13,618
Carroll	...	...	...
Chicot	...	8,428	8,428
Clark	24,740	1,894	26,634
Clay	...	...	...
Cleburne	...	...	...
Cleveland	4,334	...	4,334
Columbia	14,437	...	14,437
Conway	...	...	...
Craighead	...	...	...
Crawford	33	...	33
Crittenden	...	...	...
Cross	...	...	...
Dallas	15,049	774	15,823
Desha	...	13,244	13,244
Drew	20,285	6,208	26,493
Faulkner	559	...	559
Franklin	...	...	...
Fulton	...	...	...
Garland	17,519	...	17,519
Grant	39,453	1,256	40,709
Greene	...	...	...
Hempstead	12,185	148	12,333
Hot Spring	14,517	759	15,276
Howard	6,544	209	6,753
Independence	...	...	...
Izard	1,046	...	1,046
Jackson	...	...	...
Jefferson	15,790	...	15,790
Johnson	1,475	...	1,475
Lafayette	8,079	...	8,079
Lawrence	...	...	...
Lee	...	...	...
Lincoln	351	544	895

Table 3.--Pulpwood production in Arkansas, 1947 (Continued)

County	Pine	Hardwood	Total
		Standard cords	
Little River	17,017	477	17,494
Logan	1,504	...	1,504
Lonoke	...	...	...
Madison	...	...	...
Marion	...	...	...
Miller	14,432	595	15,027
Mississippi	...	...	...
Monroe	78	...	78
Montgomery	9,316	428	9,744
Nevada	9,354	142	9,496
Newton	...	...	...
Ouachita	46,932	1,232	48,164
Perry	15,163	266	15,429
Phillips	17	2,408	2,425
Pike	27,928	1,708	29,636
Poinsett	...	...	...
Polk	29,125	...	29,125
Pope	2,014	...	2,014
Prairie	...	...	...
Pulaski	8,797	856	9,653
Randolph	...	...	...
Saint Francis	...	...	...
Saline	18,815	900	19,715
Scott	6,008	...	6,008
Searcy	...	...	...
Sebastian	146	...	146
Sevier	21,074	...	21,074
Sharp	...	...	...
Stone	...	...	...
Union	48,744	8,866	57,610
Van Buren	163	...	163
Washington	...	...	...
White	255	...	255
Woodruff	...	...	...
Yell	15,788	100	15,888
Total	541,649	54,905	596,554

Table 4.--Pulpwood production in Louisiana, 1947

Parish	Pine	Hardwood	Total
	- - - - Standard cords - - - -		
Acadia	807	...	807
Allen	27,441	1,803	29,244
Ascension	918	...	918
Assumption	...	...	...
Avoyelles	...	...	...
Beauregard	7,280	...	7,280
Bienville	58,427	1,400	59,827
Bossier	26,506	...	26,506
Caddo	11,430	...	11,430
Calcasieu	14,828	...	14,828
Caldwell	26,869	160	27,029
Cameron	...	...	...
Catahoula	4,229	...	4,229
Claiborne	38,379	697	39,076
Concordia	...	...	...
De Soto	11,733	...	11,733
East Baton Rouge	35	...	35
East Carroll	...	1,856	1,856
East Feliciana	11,331	106	11,437
Evangeline	7,813	200	8,013
Franklin	...	...	...
Grant	16,889	773	17,662
Iberia	...	...	...
Iberville	...	...	...
Jackson	56,538	113	56,651
Jefferson	...	...	...
Jefferson Davis	6,663	...	6,663
Lafayette	...	...	...
Lafourche	...	...	...
La Salle	14,134	336	14,470
Lincoln	19,855	1,890	21,745
Livingston	55,837	2,753	58,590
Madison	...	6,327	6,327
Morehouse	15,690	997	16,687
Natchitoches	28,766	38	28,804
Orleans	...	...	...
Ouachita	42,942	258	43,200
Plaquemines	...	...	...
Pointe Coupee	...	...	...
Rapides	34,535	48	34,583

Table 4.--Pulpwood production in Louisiana, 1947 (Continued)

Parish	Pine	Hardwood	Total
	- - - - Standard cords - - - -		
Red River	14,236	...	14,236
Richland	...	...	...
Sabine	28,019	...	28,019
Saint Bernard	...	...	...
Saint Charles	...	...	...
Saint Helena	12,990	258	13,248
Saint James	...	...	...
Saint John the Baptist	...	...	...
Saint Landry	1,823	...	1,823
Saint Martin	...	...	...
Saint Mary	...	...	...
Saint Tammany	28,043	1,166	29,209
Tangipahoa	35,855	2,019	37,874
Tensas	...	...	...
Terrebonne	...	...	...
Union	51,798	2,793	54,591
Vermilion	...	...	...
Vernon	27,651	...	27,651
Washington	26,103	1,296	27,399
Webster	28,704	332	29,036
West Baton Rouge	...	...	...
West Carroll	4	...	4
West Feliciana	1,987	...	1,987
Winn	45,409	152	45,561
Total	842,497	27,771	870,268

Table 5.--Pulpwood production in Mississippi, 1947

County	Pine	Hardwood	Total
		Standard cords	
Adams	4,315	637	4,952
Alcorn	138	4,575	4,713
Amite	12,638	1,492	14,130
Attala	26,051	5,627	31,678
Benton	...	...	...
Bolivar	...	6,337	6,337
Calhoun	...	...	...
Carroll	687	1,259	1,946
Chickasaw	1,651	...	1,651
Choctaw	8,415	3,687	12,102
Claiborne	4,281	2,625	6,906
Clarke	26,530	5,862	32,392
Clay	196	600	796
Coahoma	...	...	...
Copiah	38,534	7,833	46,367
Covington	18,531	9,077	27,608
De Soto	...	...	...
Forrest	38,126	8,568	46,694
Franklin	32,913	4,484	37,397
George	18,222	2,862	21,084
Greene	25,084	2,723	27,807
Grenada	2,245	592	2,837
Hancock	22,837	97	22,934
Harrison	11,178	381	11,559
Hinds	13,230	3,885	17,115
Holmes	14,539	1,369	15,908
Humphreys	665	330	995
Issaquena	...	3,802	3,802
Itawamba	...	...	...
Jackson	38,643	...	38,643
Jasper	55,891	11,263	67,154
Jefferson	9,306	3,109	12,415
Jefferson Davis	11,582	3,617	15,199
Jones	39,850	10,431	50,281
Kemper	11,805	991	12,796
Lafayette	...	56	56
Lamar	27,443	4,409	31,852
Lauderdale	38,541	1,729	40,270
Lawrence	24,724	8,415	33,139
Leake	22,169	3,147	25,316

Table 5.--Pulpwood production in Mississippi, 1947 (Continued)

County	Pine	Hardwood	Total
	- - -	Standard cords	- - - -
Lee	...	...	...
Leflore	39	2,028	2,067
Lincoln	36,680	11,956	48,636
Lowndes	2,123	...	2,123
Madison	4,558	871	5,429
Marion	61,056	9,626	70,682
Marshall	78	...	78
Monroe	802	...	802
Montgomery	8,665	1,100	9,765
Neshoba	14,158	2,422	16,580
Newton	39,726	10,108	49,834
Noxubee	6,009	1,761	7,770
Oktibbeha	3,145	1,476	4,621
Panola	...	16	16
Pearl River	17,639	3,297	20,936
Perry	30,835	8,868	39,703
Pike	28,353	6,807	35,160
Pontotoc	26	185	211
Prentiss	...	...	...
Quitman	...	...	...
Rankin	41,338	5,306	46,644
Scott	38,375	12,459	50,834
Sharkey	...	...	...
Simpson	29,936	6,125	36,061
Smith	15,570	3,624	19,194
Stone	9,618	1,644	11,262
Sunflower	...	...	...
Tallahatchie	...	...	...
Tate	...	...	...
Tippah	...	...	...
Tishomingo	896	3,982	4,878
Tunica	...	...	...
Union	...	...	...
Walthall	10,580	1,877	12,457
Warren	54	3,802	3,856
Washington	...	6,337	6,337
Wayne	14,892	2,412	17,304
Webster	4,329	537	4,866
Wilkinson	13,582	1,374	14,956
Winston	3,907	1,101	5,008
Yalobusha	3,022	1,116	4,138
Yazoo	74	...	74
Total	1,041,025	238,088	1,279,113

Table 6.--Pulpwood production in Oklahoma, 1947

County 1/	Pine	Hardwood	Total
	- - - Standard cords - - - -		
Bryan	144	...	144
Choctaw	2,392	...	2,392
Latimer	563	...	563
Le Flore	12,835	...	12,835
McCurtain	13,219	...	13,219
Pushmataha	705	...	705
Total	29,858	...	29,858

1/ Counties with no pulpwood production are omitted.

Table 7.--Pulpwood production in Tennessee, 1947

County	Pine	Hardwood	Chestnut	Total
	- - - - Standard cords - - - -			
Anderson	238	...	...	238
Bedford	...	...	...	...
Benton	...	1,073	...	1,073
Bledsoe	1,085	6,120	...	7,205
Blount	107	...	31	138
Bradley	685	34	...	719
Campbell	...	...	17	17
Cannon	...	...	700	700
Carroll	...	2,741	...	2,741
Carter	...	280	367	647
Cheatham	...	...	70	70
Chester	...	...	...	...
Claiborne	204	73	3,512	3,789
Clay	...	...	...	...
Cocke	2,884	1,116	10,064	14,064
Coffee	...	...	686	686
Crockett	...	...	...	...
Cumberland	5,994	5,100	211	11,305
Davidson	...	...	200	200
Decatur	...	...	...	...

Table 7.--Pulpwood production in Tennessee, 1947 (Continued)

County	Pine	Hardwood	Chestnut	Total
	- - - -	Standard cords	- - - -	
De Kalb	...	...	1,500	1,500
Dickson	...	...	98	98
Dyer	...	...	...	...
Fayette	...	...	...	...
Fentress	...	3,149	2,909	6,058
Franklin	...	...	...	...
Gibson	...	...	...	...
Giles	...	...	...	...
Grainger	31	...	15	46
Greene	41	...	409	450
Grundy	173	1,555	...	1,728
Hamblen	...	...	21	21
Hamilton	262	18	14	294
Hancock	...	...	...	...
Hardeman	...	629	...	629
Hardin	...	...	...	...
Hawkins	156	...	660	816
Haywood	...	...	...	...
Henderson	...	420	...	420
Henry	...	490	...	490
Hickman	...	700	280	980
Houston	...	...	84	84
Humphreys	...	...	...	...
Jackson	...	...	...	...
Jefferson	16	...	...	16
Johnson	...	962	1,269	2,231
Knox	56	...	2,265	2,321
Lake	...	...	...	...
Lauderdale	...	...	...	...
Lawrence	...	4,606	...	4,606
Lewis	...	598	448	1,046
Lincoln	...	...	308	308
Loudon	131	...	123	254
McMinn	4,884	...	254	5,138
McNairy	...	490	...	490
Macon	...	...	542	542
Madison	...	...	...	...
Marion	65	...	...	65
Marshall	...	...	...	...
Maury	...	...	...	...

Table 7.--Pulpwood production in Tennessee, 1947 (Continued)

County	Pine	Hardwood	Chestnut	Total
		Standard cords		
Meigs	...	...	...	...
Monroe	14,097	1,250	2,748	18,095
Montgomery	...	...	14	14
Moore	...	...	...	...
Morgan	243	...	...	243
Obion	...	...	...	...
Overton	51	1,375	16	1,442
Perry	...	...	...	...
Pickett	...	...	...	...
Polk	9,282	865	711	10,858
Putnam	33	2,180	6,375	8,588
Rhea	543	2,202	80	2,825
Roane	708	...	1,119	1,827
Robertson	...	...	122	122
Rutherford	...	...	238	238
Scott	...	...	...	...
Sequatchie	82	280	...	362
Sevier	...	...	639	639
Shelby	...	...	...	...
Smith	...	...	84	84
Stewart	...	...	70	70
Sullivan	105	...	...	105
Sumner	...	...	3,290	3,290
Tipton	...	...	...	...
Trousdale	...	...	14	14
Unicoi	240	39	4,187	4,466
Union	17	...	15	32
Van Buren	...	2,033	...	2,033
Warren	...	2,960	42	3,002
Washington	34	...	296	330
Wayne	...	...	...	...
Weakley	...	...	...	...
White	...	4,751	3,514	8,265
Williamson	...	...	100	100
Wilson	...	...	56	56
Total	42,447	48,089	50,787	141,323

Table 8.--Pulpwood production in Texas, 1947

County[1/]	Pine	Hardwood	Total
		Standard cords	
Anderson	27,536	2,701	30,237
Angelina	21,671	631	22,302
Bastrop	33	224	257
Bowie	10,966	...	10,966
Burleson	...	16	16
Caldwell	...	69	69
Camp	4,816	...	4,816
Cass	37,411	38	37,449
Cherokee	61,444	3,376	64,820
Fayette	...	118	118
Franklin	1,922	...	1,922
Gregg	6,845	361	7,206
Grimes	4,609	72	4,681
Hardin	14,219	323	14,542
Harris	7,409	444	7,853
Harrison	4,595	...	4,595
Henderson	4,955	25	4,980
Houston	28,568	2,561	31,129
Jasper	32,565	5,188	37,753
Jefferson	1,786	...	1,786
Lee	...	1,611	1,611
Leon	...	20	20
Liberty	19,803	2,033	21,836
Madison	137	...	137
Marion	13,723	38	13,761
Montgomery	60,146	1,608	61,754
Morris	9,338	...	9,338
Nacogdoches	34,432	3,731	38,163
Newton	23,101	1,664	24,765
Orange	17,100	156	17,256
Panola	6,033	226	6,259
Polk	27,327	5,835	33,162
Red River	1,748	53	1,801
Rusk	24,185	1,853	26,038
Sabine	7,800	442	8,242
San Augustine	16,133	45	16,178
San Jacinto	14,941	672	15,613
Shelby	21,200	933	22,133
Smith	7,797	402	8,199
Titus	5,773	...	5,773
Trinity	25,700	1,740	27,440
Tyler	16,342	753	17,095
Upshur	13,152	...	13,152
Walker	22,367	3,896	26,263
Wood	7,573	...	7,573
Total	667,201	43,858	711,059

1/ Counties with no pulpwood production are omitted.